

Analytical Data Sheet

Lot number	1000062855 not for drug use
Product	(Des-His¹)-Glucagon trifluoroacetate salt H-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-OH trifluoroacetate salt
Product number	4090288
Molecular formula	C ₁₄₇ H ₂₁₈ N ₄₀ O ₄₈ S
Relative molecular mass	3345.66

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3345.28
Amino acid analysis	Asx 4.16 (4) Met* 0.86 (1) Thr 3.00 (3) Leu 1.92 (2) Ser 3.89 (4) Tyr 1.95 (2) Glx 3.04 (3) Phe 1.88 (2) Gly 1.02 (1) Lys 1.01 (1) Ala 1.05 (1) Trp* 0.70 (1) Val 0.90 (1) Arg 2.07 (2) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	91.3%
Assay (elemental analysis)	83.8%
Date of manufacture	March 22, 2022

Latest update: March 24, 2022

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